

EXHIBIT 47

REDACTED

Reserve Price Optimization and First Price


June 25, 2019

Agenda

- What is RPO and why do we do it?
- How RPO works in a second price world
- Challenges of doing RPO in a first price world

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What is Reserve Price Optimization (RPO)?

AdX (*historically*) runs a second price auction

- Highest bidder wins
- pays second highest bid

———— winning bid
———— dynamic
reserve price

Sometimes, winning bid >> price

Idea: set minimum price just below what the highest bidder is willing to pay

———— winning price
———— 0

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Why do RPO?

- The goal is simple: **make money.**
- But this just transfers value from the buyer to the seller? Why do it?
 - **We're not really running a full second price auction.** DSPs do not submit their second price.
 - On average, There about [REDACTED] bids per AdX auction.



